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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/475,765	12/30/1999	ERIC HAMER	KEYNP005	6830
26541	7590	02/16/2005	EXAMINER	
RITTER, LANG & KAPLAN 12930 SARATOGA AE. SUITE D1 SARATOGA, CA 95070			NGUYEN, PHUOC H	
			ART UNIT	PAPER NUMBER
			2143	

DATE MAILED: 02/16/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/475,765

Applicant(s)

HAMER ET AL.

Examiner

Phuoc H. Nguyen

Art Unit

2143

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on amendment filed on July 13, 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,3-21,23-30,38 and 39 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,3-21,23-30,38 and 39 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

1. This office action is in response to the amendment filed on. Amendment filed on July 13, 2004 have been entered and made of record. Claims 1,3-21, and 23-30, and 38-39 are presented for further consideration and examination.

Response to Arguments

2. Applicant's arguments with respect to claims 1, and 20 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1,3,5-7,10,12-21,23-26,29-30, and 38-39 rejected under 35 U.S.C. 103(a) as being unpatentable over Forman et al. (Hereafter, Forman) U.S. Patent 6,178,449 in view of Sweet et al. (Hereafter, Sweet) U.S. Patent 6,519,714.

5. Referring to claims 1, and 20, Forman reference discloses sending a request for information to the information source (Figure 4, servers 410,420, and 430) from a data acquisition agent (Figure 4, client transaction time agent (460) connected to the network

Art Unit: 2143

(Abstract; Figure 4; col. 3, lines 19-22); loading data responsive to the request for information onto the data acquisition agent from the information source (eg. agent collect response time from request send to server; Figures 4, and 5; col. 5, lines 29-31); continuing the transaction between the information source and the data acquisition agent, the user machine not the data acquisition agent, and the information source, and collecting performance measurements by the data acquisition agent for the transaction (Figure 5; and col. 10, lines 16-19); and sending the performance measurements to a storage device (col. 10, lines 30-35); however, Forman fails to teach continuing the transaction between the information source and the data acquisition agent by simulating a transaction previously recorded by a user machine.

Sweet discloses a method for generating and executing the simulate transaction previously recorded (col. 2 lines 43-58; col. 4 2nd and 4th paragraph).

It would have been obvious to one of the ordinary skill in the art at the time of the invention was made to incorporate the simulating transaction technique from Sweet's teaching into Forman's method to provide more effectively for evaluating the network performance in addition it provides no disruption to the normal operation of the network.

6. Referring to claim 3, Forman reference discloses collecting performance measurement comprises collecting download time of the data in response to the request for information (Figure 5).

7. Referring to claims 5, and 26, Forman reference discloses collecting performance measurements comprises identifying errors (eg. Time-out) occurring during the transaction (Figure 5).

Art Unit: 2143

8. Referring to claim 6, Forman reference discloses the network is the Internet (col. 5, lines 14-22).
9. Referring to claim 7, Forman reference discloses the information source is a web server and the request for information comprises requesting a web page (client communicates with server via http; col. 5, lines 14-21).
10. Referring to claim 10, Forman reference discloses connecting a data acquisition agent to the network comprises connecting a plurality of data acquisition agents to the network at a plurality of locations (col. 4, lines 59 through col. 5, 1st paragraph).
11. Referring to claims 12, and 13, Forman reference discloses continuing the transaction comprises sending a query from and submitting an order the data acquisition agent to the information source after the data is loaded (eg. transaction agent continue to measure and record of transaction times occurs until the client instance is notifies transaction agent to end) (col. 10, lines 16-28 and 43-48).
12. Referring to claim 14, Forman reference discloses continuing the transaction comprises updating state information to link web pages together within a transaction (Figure 7).
13. Referring to claims 15, and 16, Forman reference discloses updating state information comprises searching for a session ID, and searching for a text (col. 8, lines 47-64).
14. Referring to claims 17-19, Forman reference discloses updating state information comprises searching for a frame, URL, and HTML text (eg. updating the stats table) (figure 6).
15. Referring to claim 21, Forman reference discloses the data acquisition agent includes a browser embedded within the agent (col. 5, lines 14-21; and col. 8, lines 47-55).

Art Unit: 2143

16. Referring to claims 23, and 24, Forman reference discloses the data acquisition agent is configured to receive said recorded transaction over the network, and instructions specifying a plurality of said recorded transactions to execute (Figure 7; and col. 10, lines 16-61).

17. Referring to claim 25, Forman reference discloses the data acquisition agent is configured to repeat execution of said specified transactions until new instructions are received (col. 9, lines 32-38)

18. Referring claims 29, and 30, Forman reference discloses a monitoring device for recording when the agent last executed the transaction, and the agent is operable to store the collected performance measurements (col. 10, lines 30-35).

19. Referring to claims 38, and 39, Forman reference discloses connecting the data acquisition agent to the network, and the data acquisition agent interacts with the information source with a browser (Figure 4; and col. 5, lines 14-21, and col. 8, lines 47-55).

20. Claims 4,8-9,11, and 27-28 rejected under 35 U.S.C. 103(a) as being unpatentable over Forman and Sweet further in view of Killian U.S. Patent 6,438,592.

21. Referring to claims 4,8,9,11,27, and 28, Forman and Sweet reference disclose the information source is a web server and the request for information comprises requesting a web page. However, Forman and Sweet fail to teach the collecting performance measurements comprises collecting download time and number of bytes for each web page and individual components within each of the web pages downloaded during the transaction, and displaying the performance measurements on a web site.

Killian reference discloses the collecting performance measurements comprises collecting download time and number of bytes for each web page and individual components within each of the web pages downloaded during the transaction, and displaying the performance measurements on a web site (col. 3, lines 47-63; and col. 9, lines 12-35).

It would have been obvious to one of the ordinary skill in the art at the time of the invention was made to incorporate Killian's teaching into Forman's method to collect download time for each web page and individual components within each web page, and displaying the performance measurements on a web site, so the user can determine how much of a web page's slow download time is cause by which component objects, and locate such performance problem quicker.

Conclusion

22. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Sweet et al. U.S. Patent 6,836,800

Nesbitt et al. U.S. Patent 6,418,544

Reichman U.S. Patent 6,738,813

Kalkunte U.S. Patent 6,249,886

Datta et al. U.S. Patent 6,209,033

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phuoc H. Nguyen whose telephone number is 571-272-3919.


The examiner can normally be reached on Mon -Thu (7AM-4: 30PM) and off every other Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A Wiley can be reached on 571-272-3923. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Phuoc H. Nguyen
Examiner
Art Unit 2143

February 9, 2005


DAVID WILEY
SUPERVISORY PATENT EXAMINER
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